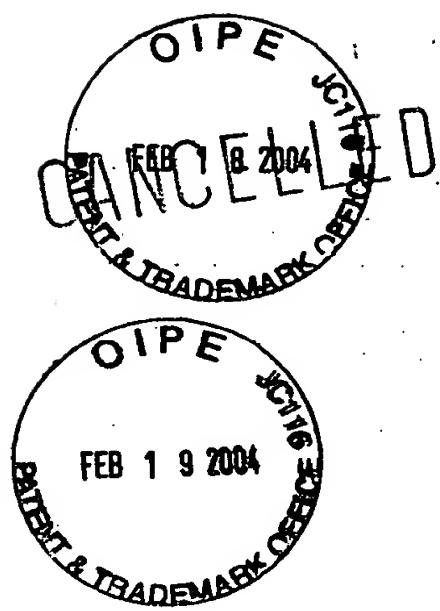
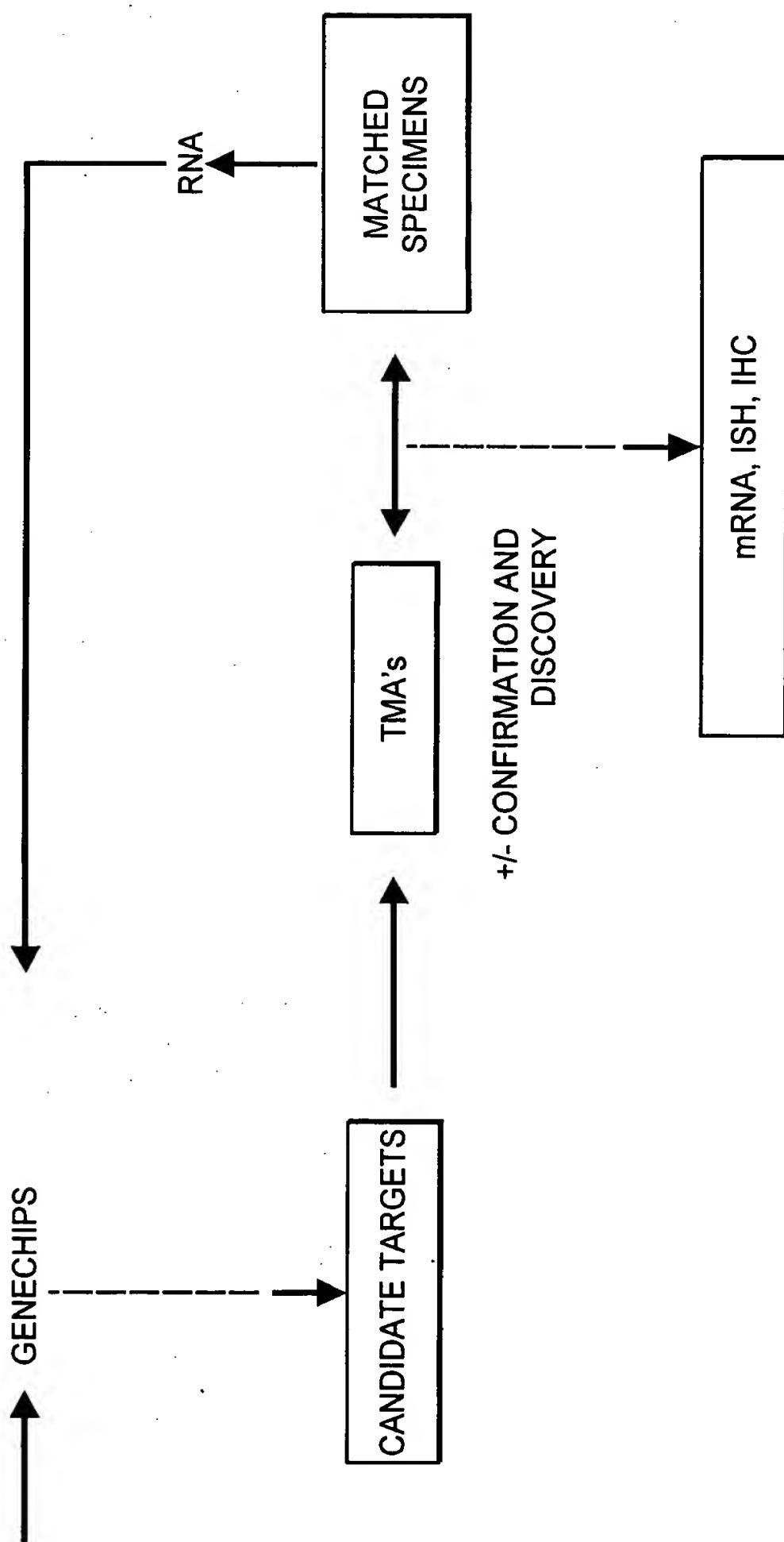
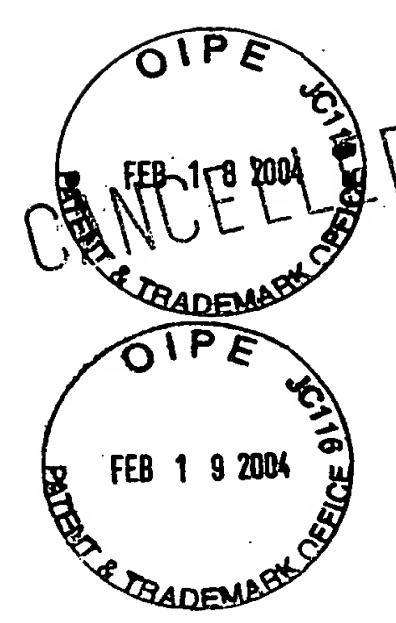


FIG. 1A





VALIDATION - PHASE 1

- VERIFICATION OF INITIAL ---
- SCREENING RESULTS

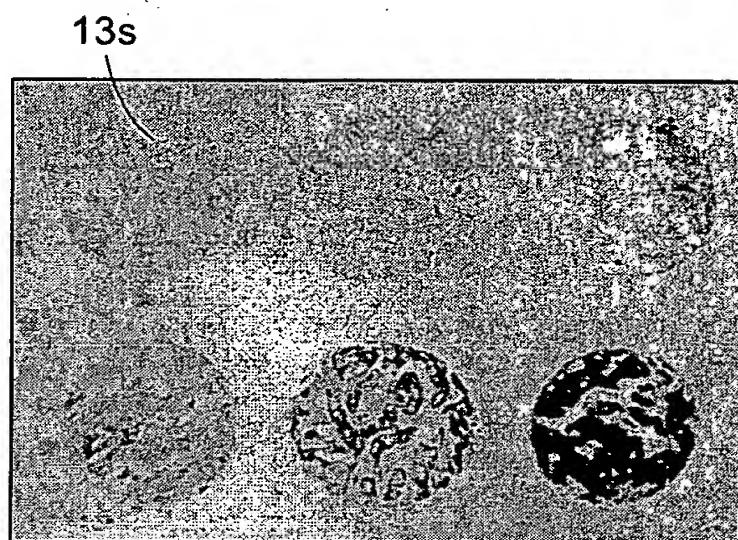


- ESTABLISH CELLULAR -----
- LOCALIZATION & ANATOMIC
- DISTRIBUTION

50-200
SERIES BASIC
ARRAYS

135
43
13

FIG. 1B



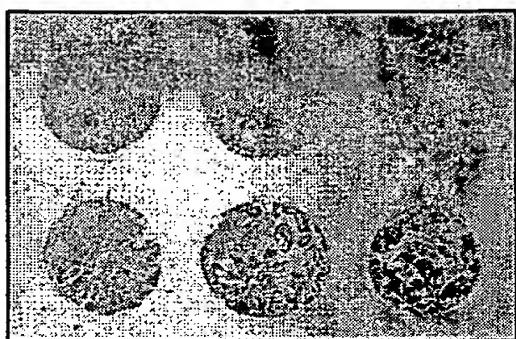
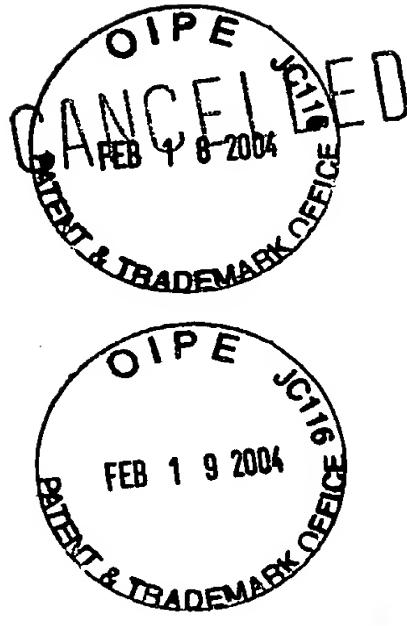
SIX TISSUE ELEMENTS FROM A PathWork™
BreastArray BR50 STAINED WITH CK7
SHOWING SELECTIVE STAINING (400X). TISSUE
ELEMENTS ARE 0.6mm DIAMETER AND SPACED
0.3mm APART.

FIG. 2B

SAMPLE DATA SHEET INFORMATION (FOR ONE TISSUE ELEMENT,
LOCATED AT A1) PROVIDED WITH EVERY PathWorks™ Tissue MicroArray

CAT. #	BR50	MITOSES:	1
LOT #	07	PT:	1
COORDINATES:	A1a	pN:	0
ORGAN:	BREAST	LN POS	0
CATEGORY:	BREAST CANCER, DUCTAL	LN ALL	23
SEX:	F	TUMOR DIA.	15
AGE:	67	SURGERY:	MASTECTOMY
BRE GRADE:	G2		
TUBULI:	3		
POLYMORPHY:	3		

FIG. 2C



TISSUE MicroArrays

- DEVELOPMENT OF POPULATION DATABASES
- HIGH-THROUGHPUT IN SITU ANALYSIS OF DNA, RNA AND PROTEIN
- DISCOVERY OF DIAGNOSTIC AND PROGNOSTIC CORRELATIONS
- TARGET PRIORITIZATION

FIG. 3

FIG. 4A

CLINOMICS BIOREPOSITORY SYSTEM

Clinomics Biorepository Application - [frmSpecimenEntry : From]

File	Edit	View	Insert	Format	Records	Tools	Window	Help
<input type="checkbox"/>								
<input type="checkbox"/>								

Specimen Entry Form

Pathology # Lookup	Pathology # <input type="text" value="H-983-90"/>																																										
<input type="radio"/> Patient Data <input type="radio"/> Diagnosis <input type="radio"/> Histology <input type="radio"/> Specimen Data																																											
Collection Date <input type="text" value="6/19/1990"/> Age at Collection <input type="text" value="83"/> Received Date <input type="text" value="10/15/1999"/> ReceivedTech <input type="text" value="CB"/> Medication Con Medication <input type="text" value="CMF"/> Metastasis Site <input type="text" value="Lung"/> Chemotherapy Chemo Date <input type="text" value="8/20/1990"/> RadiationTherapy <input type="text" value="Yes"/> Radiation Date <input type="text" value="7/15/1990"/> PrimarySite <input type="text" value="Breast (l)"/> Tube Type <input type="text" value="Conical"/> SurgicalResection <input type="text" value="Yes"/>																																											
<input type="button" value="Add New Pathology"/> <input type="button" value="Delete Existing Pathology"/> <input type="button" value="Save Record"/>																																											
Sample Data <table border="1"> <thead> <tr> <th>ClinomicsID</th><th>Description</th><th>Location</th><th>Sample Type</th><th>Amount</th><th>Quote#</th></tr> </thead> <tbody> <tr> <td>000002841</td><td></td><td>TPA, A, tubes</td><td>FFPE</td><td><input type="text" value="block"/></td><td><input type="text" value="0"/></td></tr> <tr> <td>000007489</td><td>Breast cancer</td><td>TPA, A, tubes</td><td>S</td><td><input type="text" value="100 mg/"/></td><td><input type="text" value="0"/></td></tr> <tr> <td>000007491</td><td>Breast cancer</td><td>TPA, B, bags</td><td>FFPE</td><td><input type="text" value="100 Mg"/></td><td><input type="text" value="0"/></td></tr> <tr> <td>000007492</td><td>Breast cancer</td><td>TPA, B, bags</td><td>FFPE</td><td><input type="text" value="100 mg"/></td><td><input type="text" value="0"/></td></tr> <tr> <td>000007493</td><td>Breast cancer</td><td>TPA, A, tubes</td><td>FFPE</td><td><input type="text" value="100 mg"/></td><td><input type="text" value="0"/></td></tr> <tr> <td>4</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		ClinomicsID	Description	Location	Sample Type	Amount	Quote#	000002841		TPA, A, tubes	FFPE	<input type="text" value="block"/>	<input type="text" value="0"/>	000007489	Breast cancer	TPA, A, tubes	S	<input type="text" value="100 mg/"/>	<input type="text" value="0"/>	000007491	Breast cancer	TPA, B, bags	FFPE	<input type="text" value="100 Mg"/>	<input type="text" value="0"/>	000007492	Breast cancer	TPA, B, bags	FFPE	<input type="text" value="100 mg"/>	<input type="text" value="0"/>	000007493	Breast cancer	TPA, A, tubes	FFPE	<input type="text" value="100 mg"/>	<input type="text" value="0"/>	4					
ClinomicsID	Description	Location	Sample Type	Amount	Quote#																																						
000002841		TPA, A, tubes	FFPE	<input type="text" value="block"/>	<input type="text" value="0"/>																																						
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000007491	Breast cancer	TPA, B, bags	FFPE	<input type="text" value="100 Mg"/>	<input type="text" value="0"/>																																						
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000007493	Breast cancer	TPA, A, tubes	FFPE	<input type="text" value="100 mg"/>	<input type="text" value="0"/>																																						
4																																											
Record: <input type="text" value="14"/> <input type="text" value="4"/> <input type="text" value="1"/> <input type="text" value="D1"/> <input type="text" value="D2"/> of 4771																																											
Form View <input type="button" value="Start"/> <input type="button" value="A"/> <input type="button" value="B"/> <input type="button" value="C"/> <input type="button" value="D"/> <input type="button" value="E"/> <input type="button" value="F"/> <input type="button" value="G"/> <input type="button" value="H"/> <input type="button" value="I"/> <input type="button" value="J"/> <input type="button" value="K"/> <input type="button" value="L"/> <input type="button" value="M"/> <input type="button" value="N"/> <input type="button" value="O"/> <input type="button" value="P"/> <input type="button" value="Q"/> <input type="button" value="R"/> <input type="button" value="S"/> <input type="button" value="CD Pla..."/> <input type="button" value="HP 69..."/> <input type="button" value="Clino..."/>																																											
DATA ENTRY <input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Save"/> <input type="button" value="Print"/> <input type="button" value="Print Preview"/> <input type="button" value="Exit"/>																																											

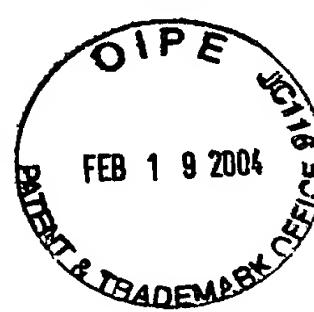
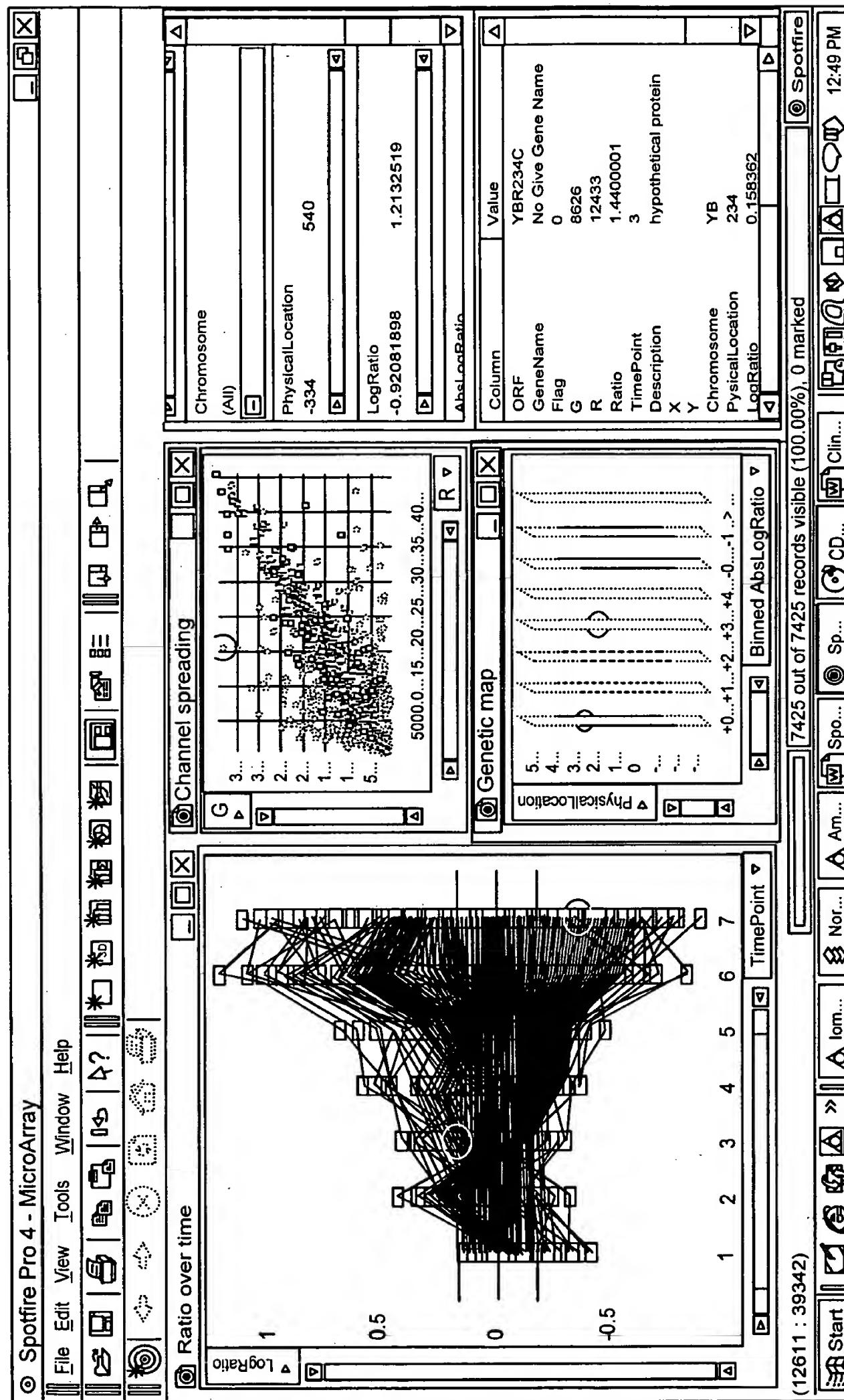


FIG. 4B

SORTING AND SELECTION OF PATIENT POPULATIONS
CLUSTER ANALYSIS
DEVELOPMENT OF EXPRESSION PROFILES VS MEDICAL DATA

BIOREPOSITORY DATABASE



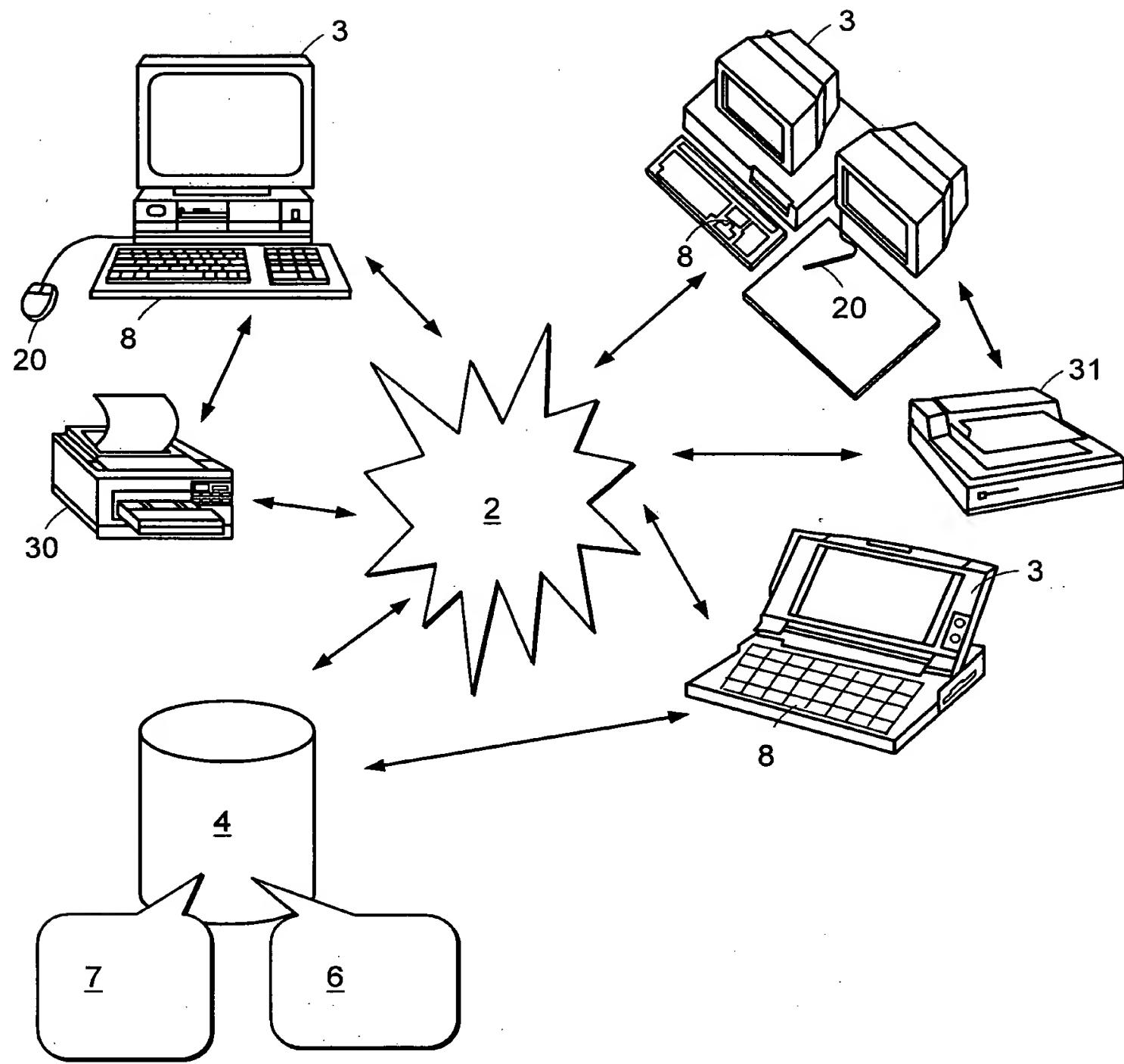
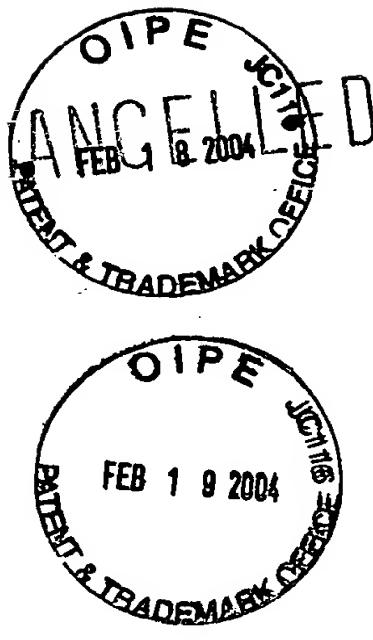
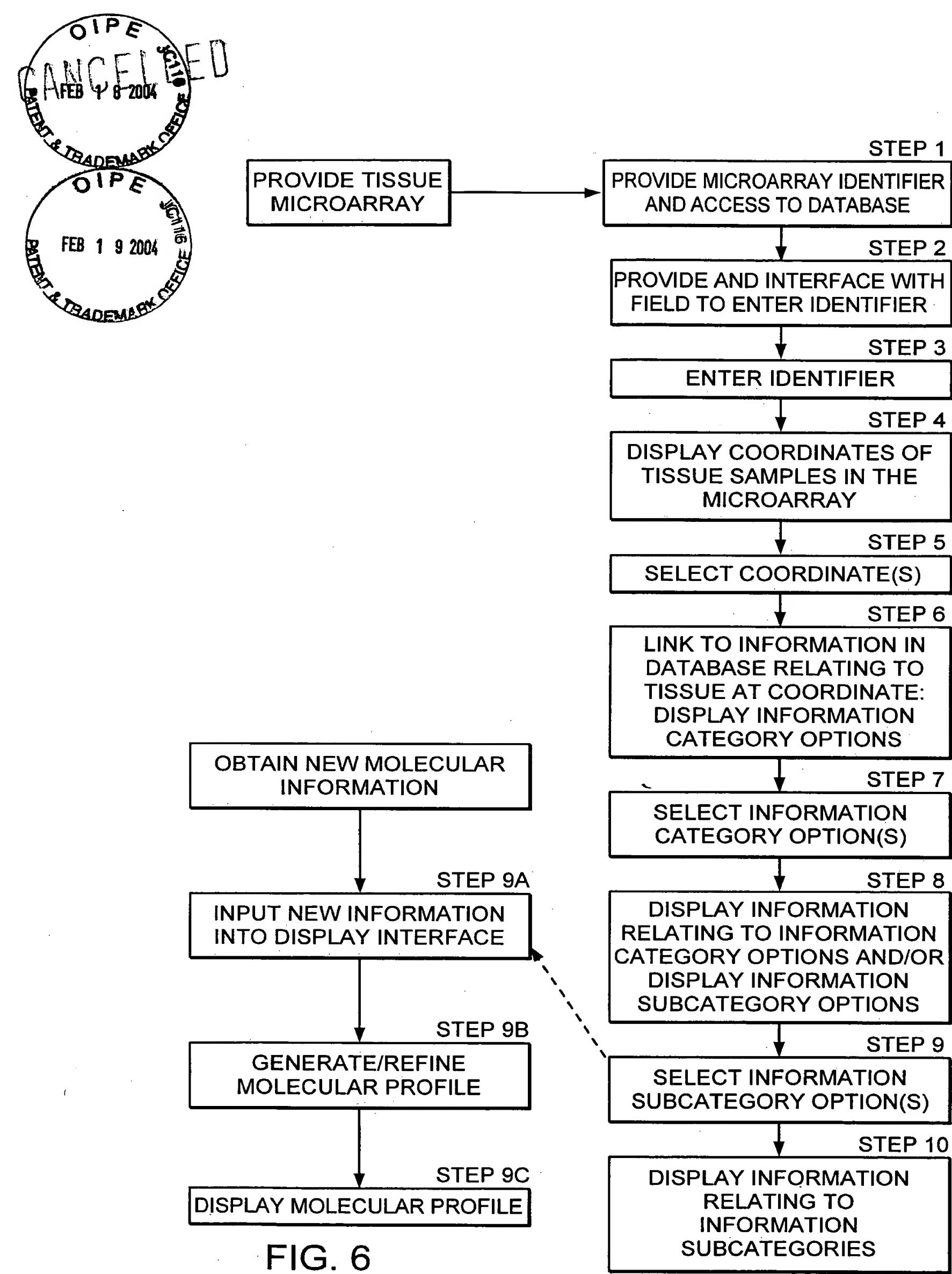


FIG. 5



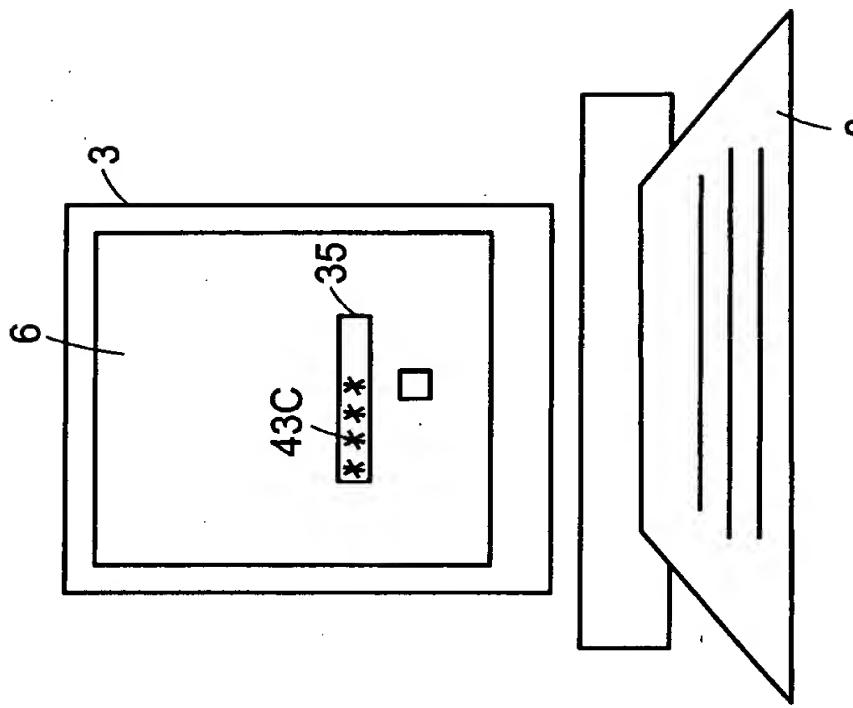
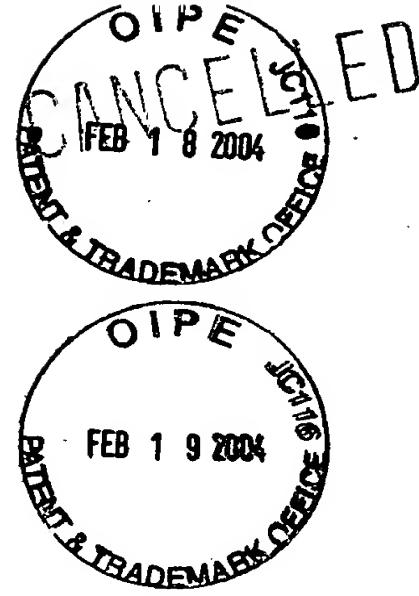


FIG. 7B

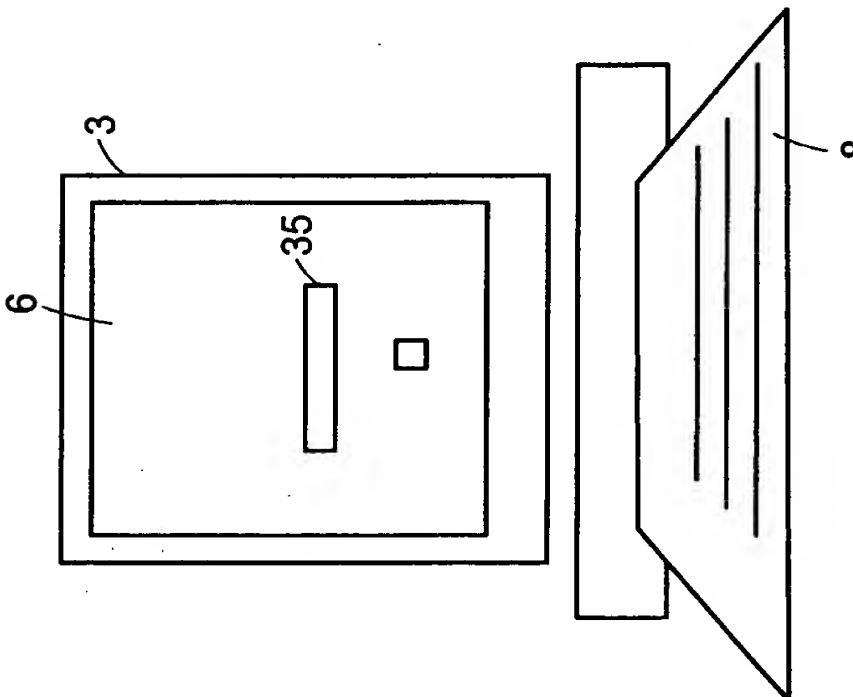


FIG. 7A

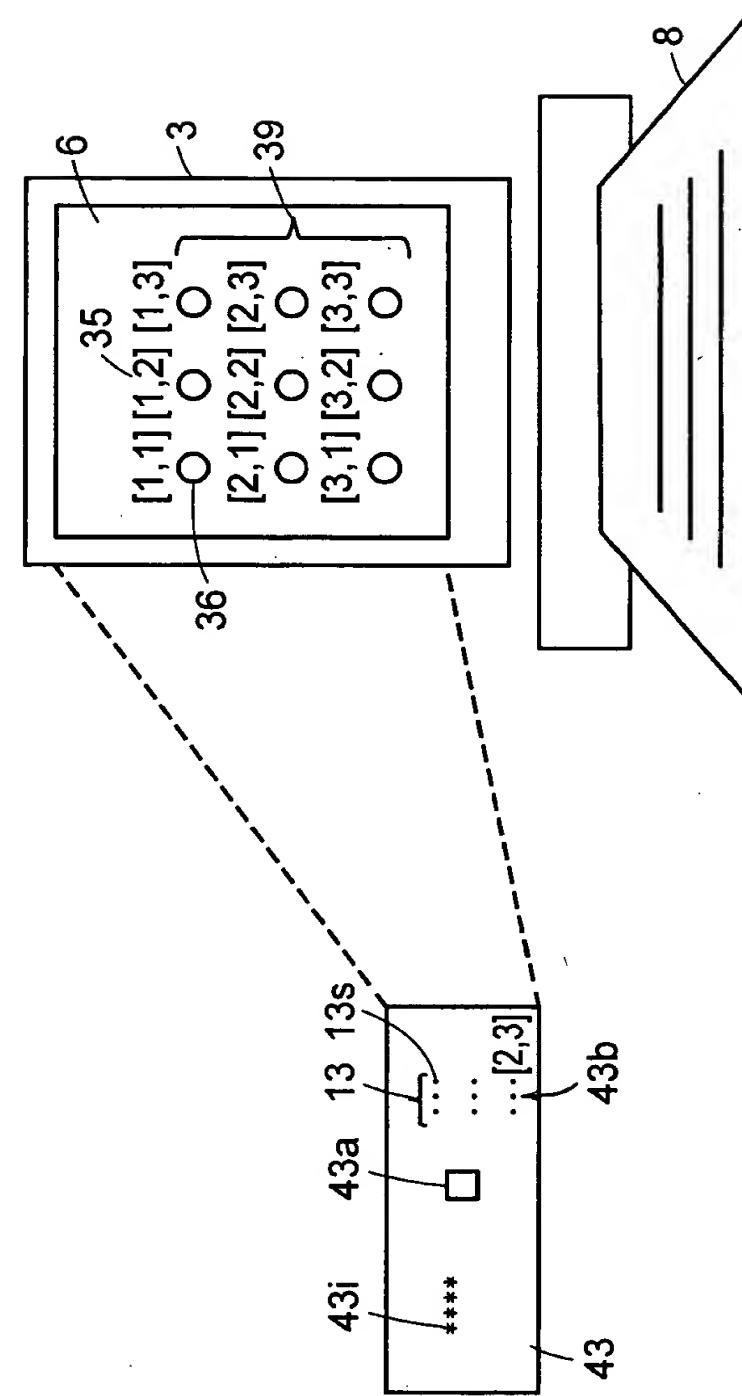
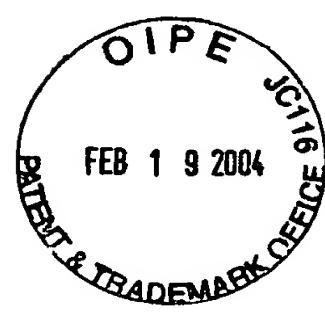
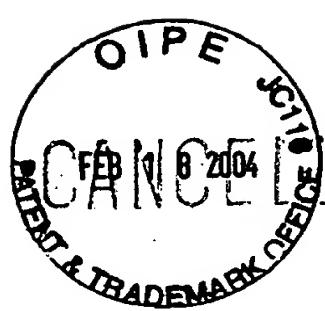


FIG. 7E

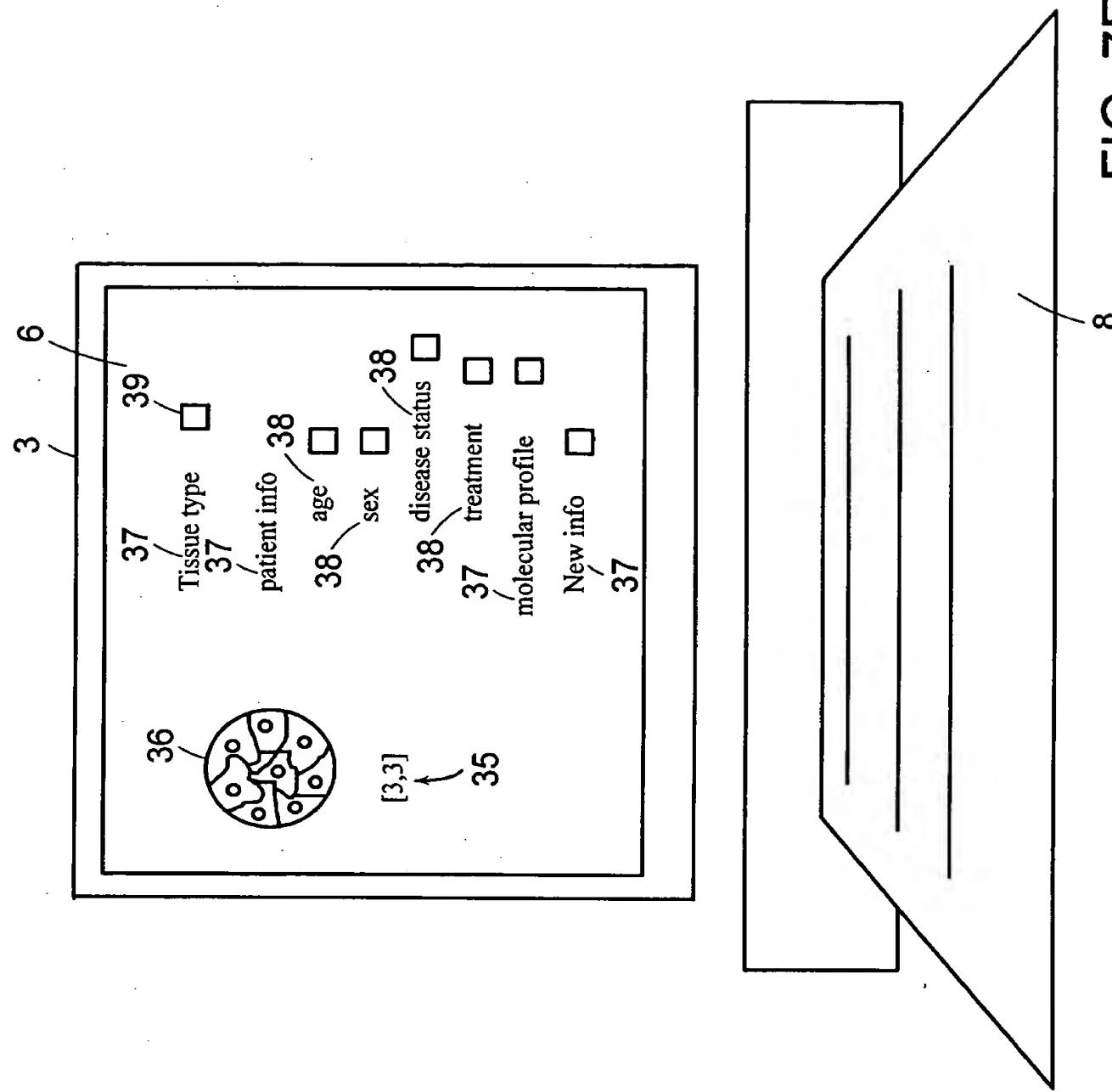


FIG. 7D

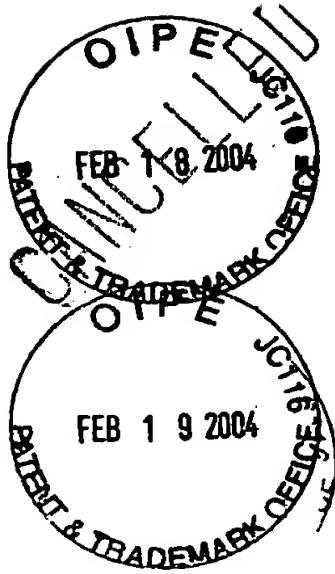
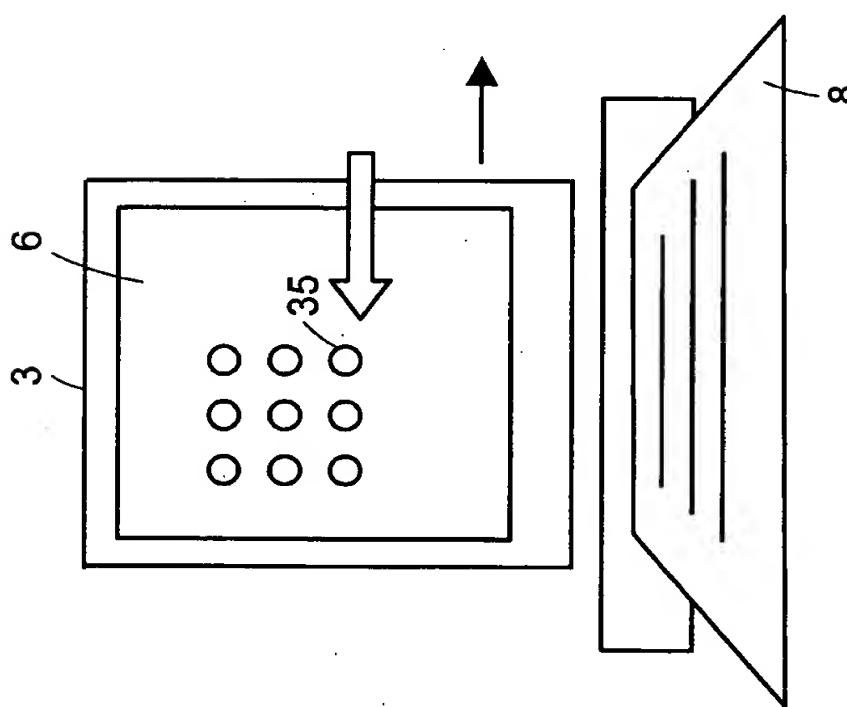


FIG. 7F

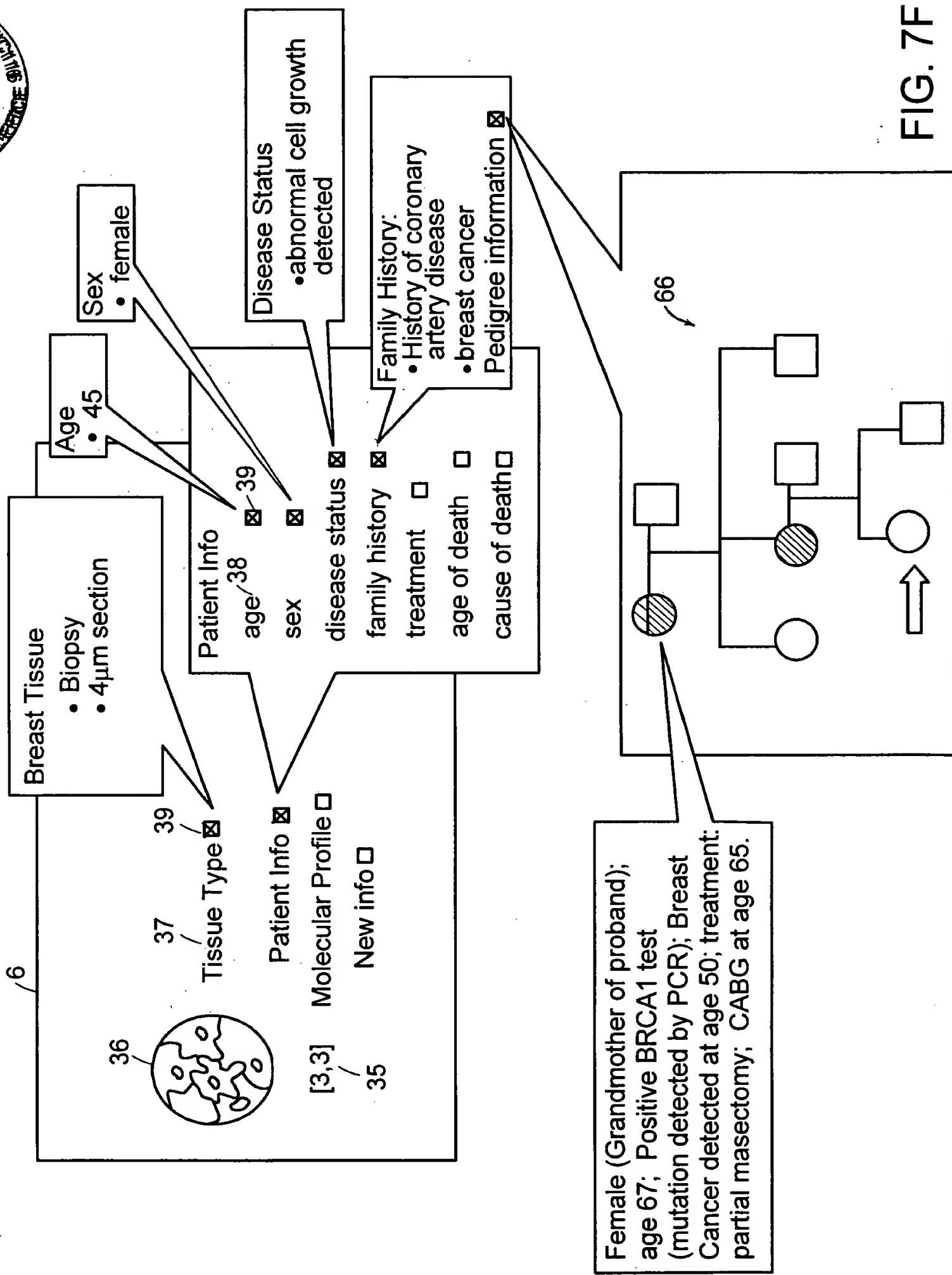


FIG. 7G

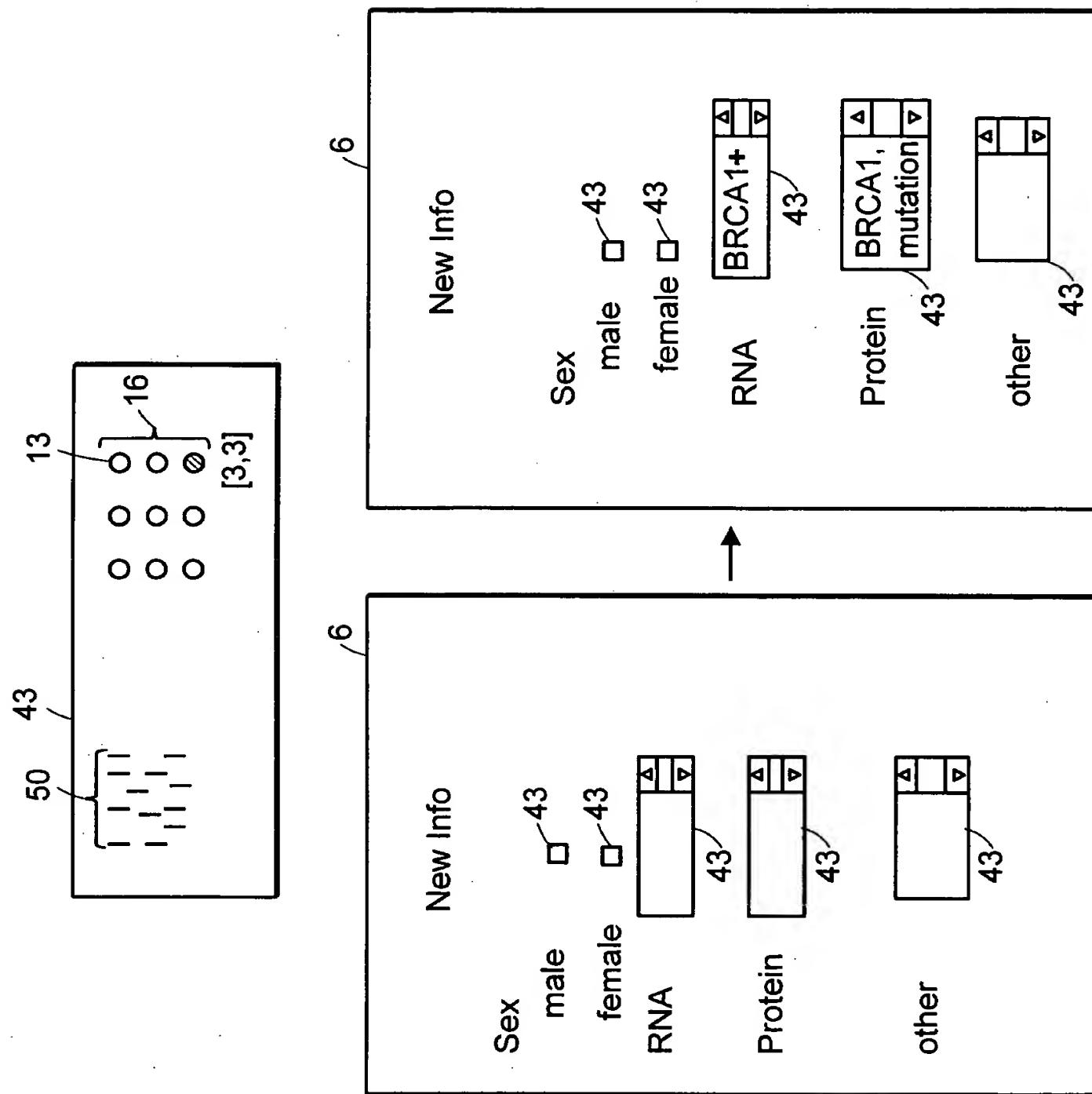
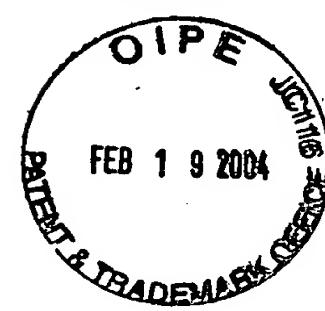
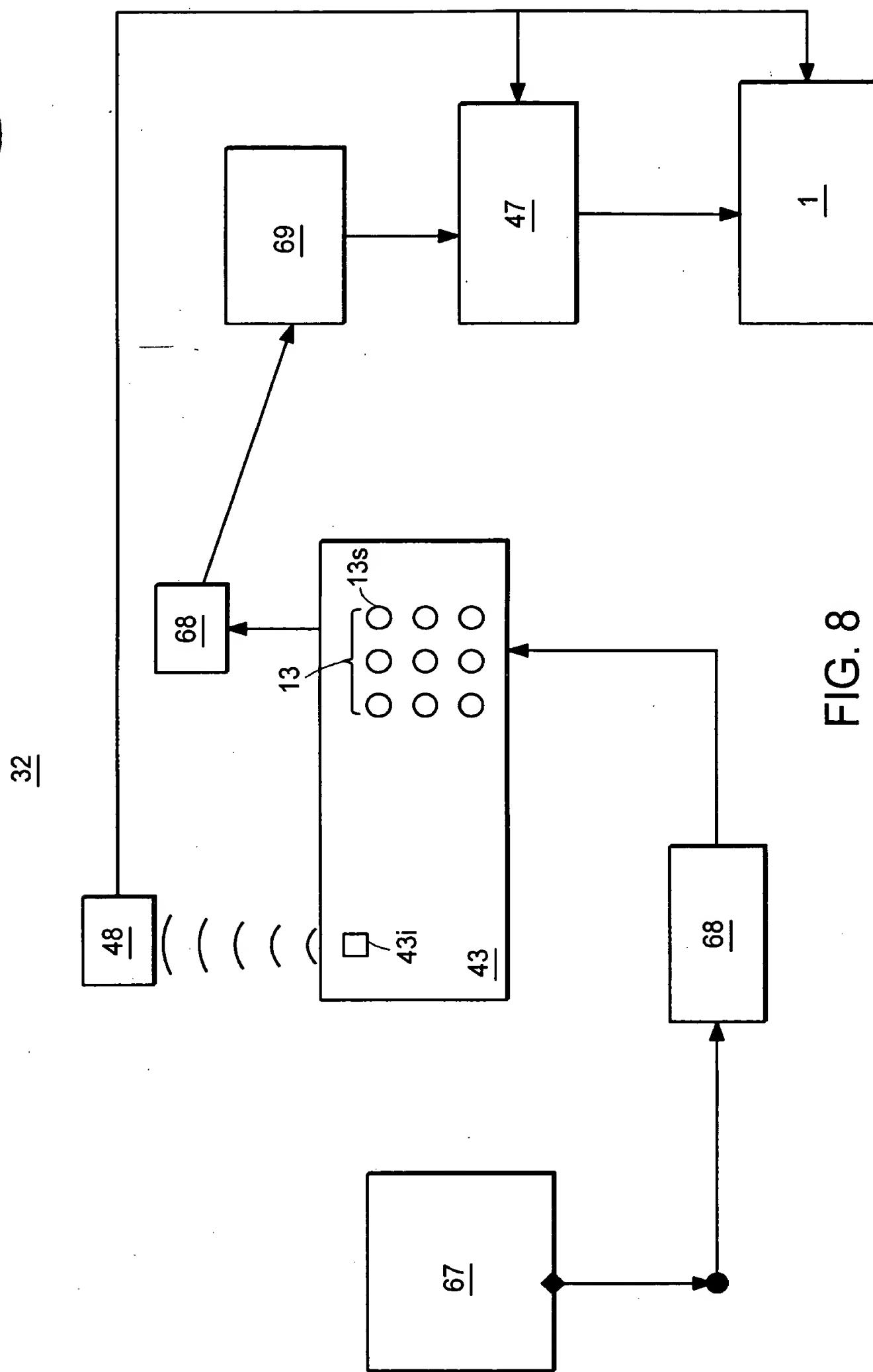


FIG. 8



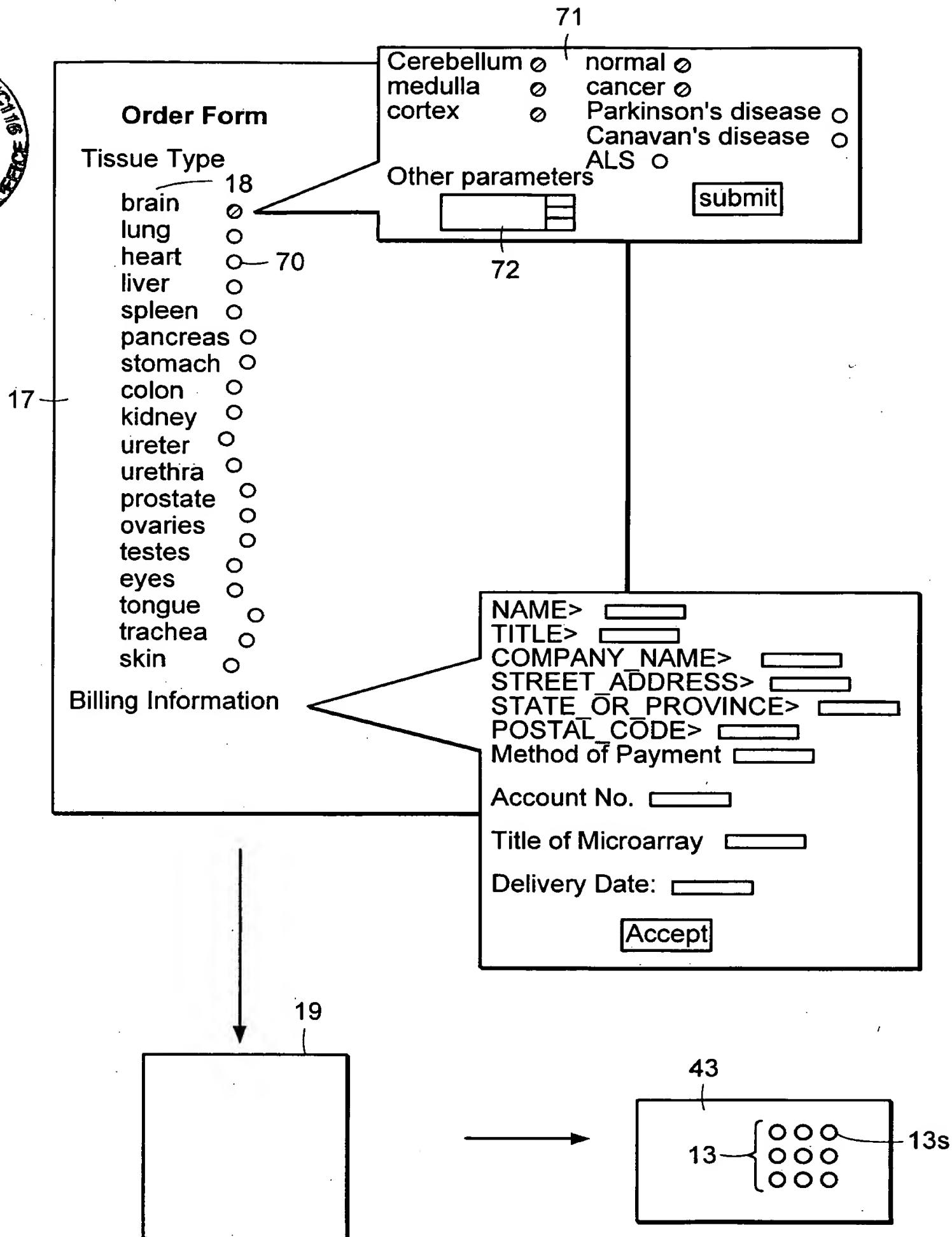
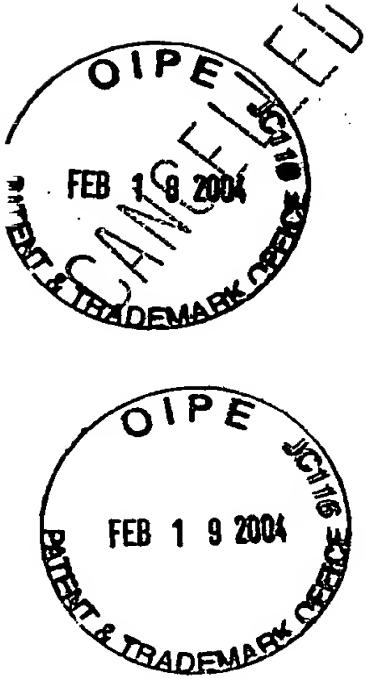


FIG. 9

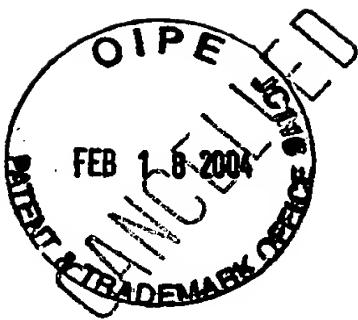
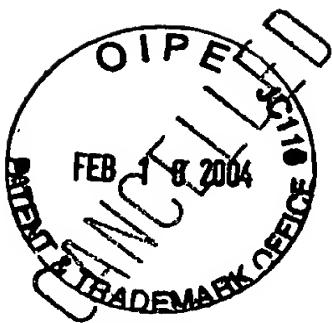


FIG. 10



RAW CLINICAL HISTORY DATA RETRIEVED FROM THE CLINOMICS BIOREPOSITORY DATABASE

Ready

FIG 11A

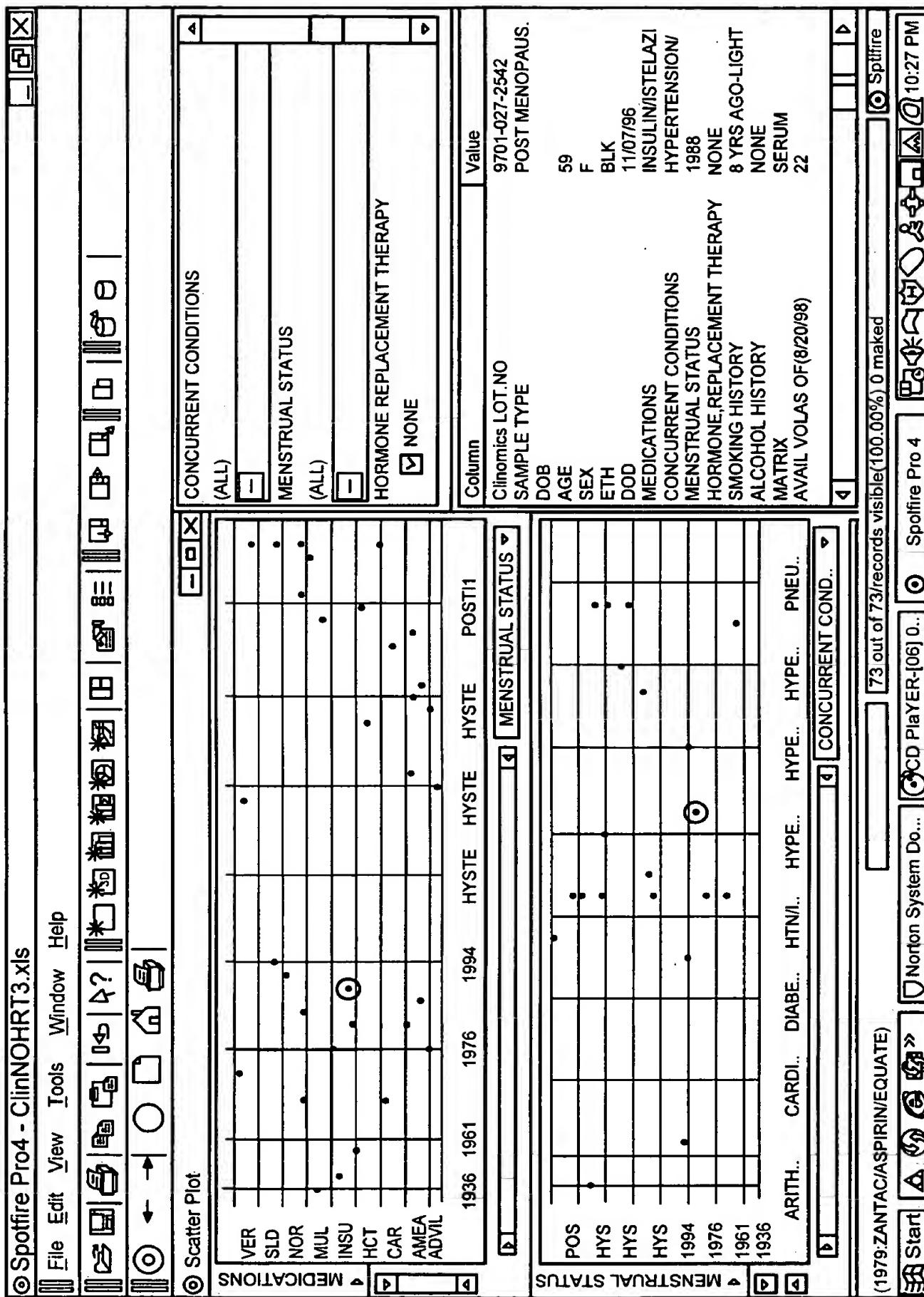
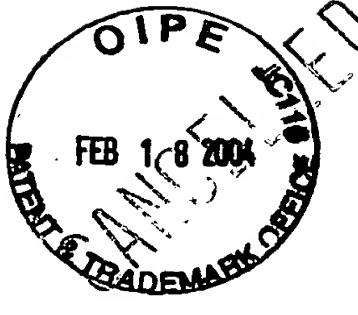
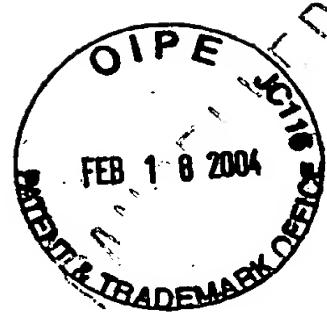


FIG. 11B



QUALITY CONTROL FOR SPECIMEN LINKED DATABASE PROCESS

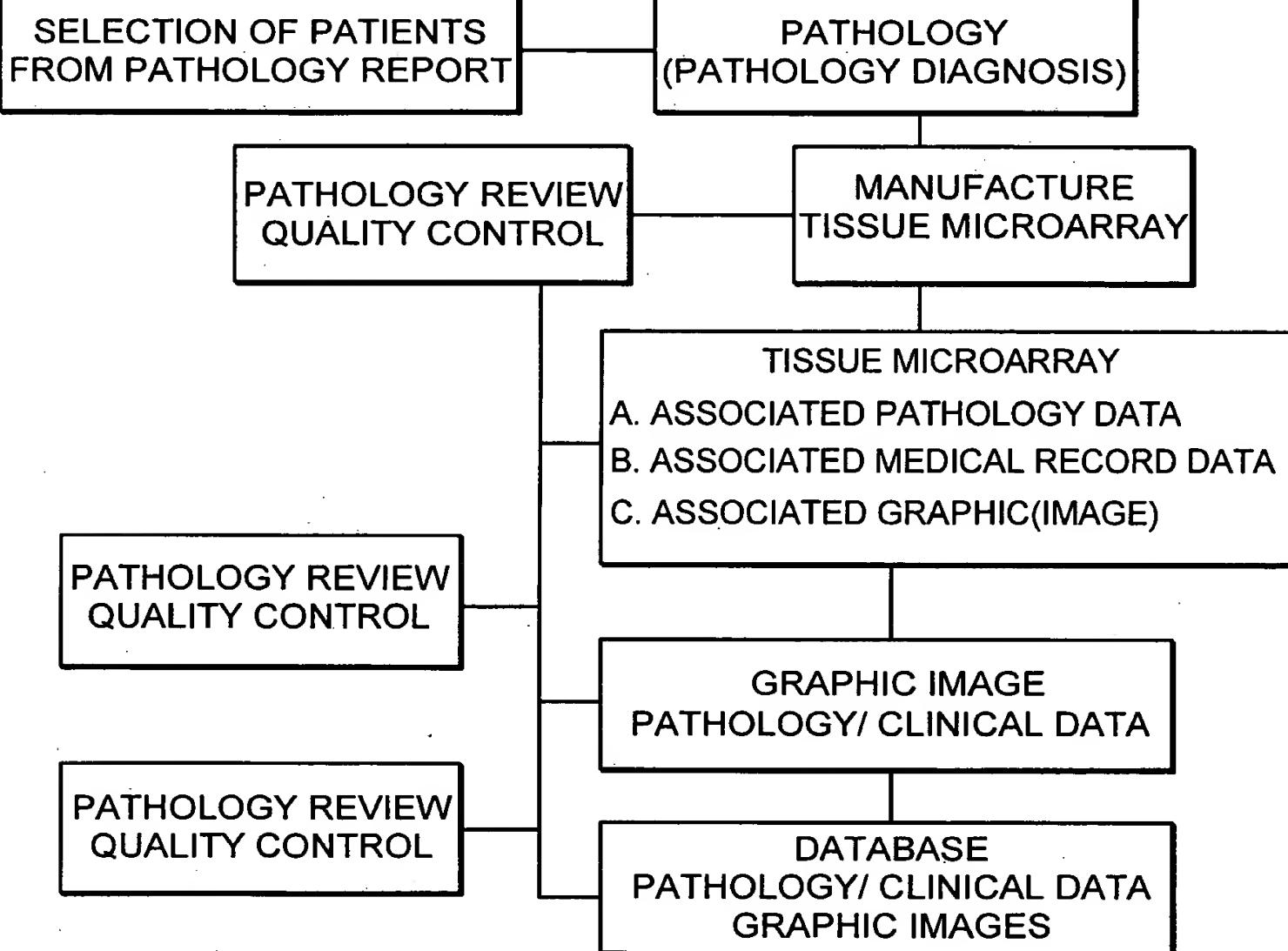
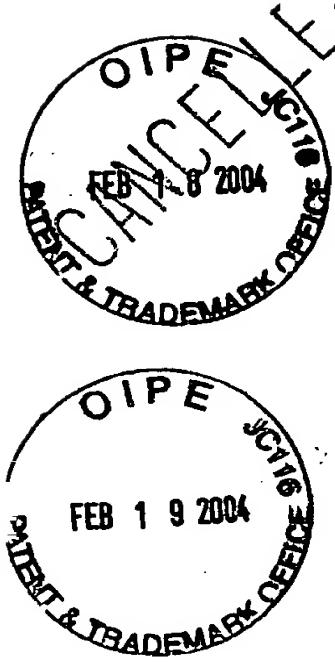


FIG. 12

FIG. 13A FIG. 13B

FIG. 13



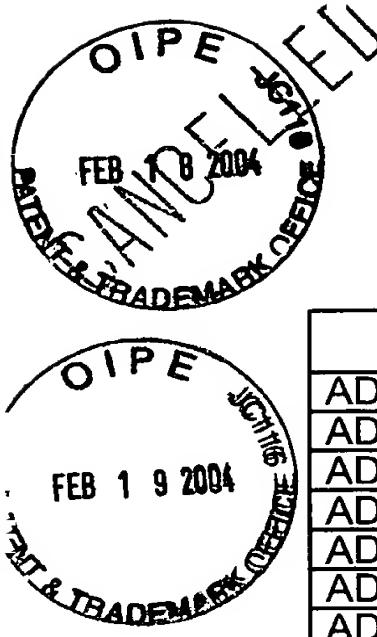
		SNO-MED ANASITE NUMBERS					
T.02	SKIN	T.41	ARTERY,GENERAL	T.77	PROSTATE	T.Y1	TRUNK,PERINEUM
T.03	SUBCUTANEOUS TISSUE	T.42	AORTA	T.78	TESTES,TUNICA VAGINALIS	T.Y2	THORACIC,DIAPHRAGM
T.04	BREAST	T.43	CORONARY ARTERY	T.79	SCROTUM,SPERM CORD	T.Y3	THORACIC,VISCERA
					EPIDERMIS,VAS DEF	T.Y4	ABDOMEN,PERITONEU
							RETROPERITONEUM
T.06	BONE MARROW	T.44	PULM,ARTERY	T.80	VULVA,LABIUM,CLITORIS	T.Y6	PELVIS
					BARTOLINS GLAND	T.YX	PERITONEAL FLUID
T.07	SPLEEN	T.45	VERT,CAROTID,CEREBR,TEMPOR.	T.81	VAGINA,HYMEN	T.Y1	SYNOVIAL FLUID
						T.2X	UPPER RESP FLDS
T.08	LYMPH NODES	T.46	ILIAC,RENAL,MESSENTERIC ARTERY	T.82	UTERUS	T.2Y	LOWER RESP FLDS
T.09	LYMPHATICS	T.47	POPLITEAL ARTERY	T.83	CERVIX	T.6X	GI FLDS,SPACES
T.11	BONE	T.48	VEIN	T.84	ENDOMETRIUM	T.6Y	GI CONTENTS
T.12	SYNOVIVUM,JOINT	T.49	VEIN	T.85	MYOMETRIUM	T.7X	URINE TRA.FLO.SPACE
T.13	MUSCLE	T.50	DIGESTIVE SYSTEM	T.86	FALLOPIAN TUBE	T.7Y	MALE GENT FLD,SPACE
T.15	CARTILAGE	T.51	MOUTH,PALATE,ORAL	T.87	OVARY	T.8X	FEM.GENT FLD,SPACE
T.16	BURCA	T.52	LIP	T.88	PLACENTA,UMBCORD	T.8Y	PLACENTA,FETAL FLD
T.17	TENDON	T.53	TONGUE	T.89	FETUS	T.XO	NERVOUS SYSTEM
T.18	LIGAMENT,FASCIA	T.54	GUM,TOOTH,GINGIVA	T.91	PITUITARY	T.YO	BODY AS A WHOLE
T.19	SOFT TISSUE	T.55	PAROTID,SALIV GLND	T.93	ADRENAL		

FIG. 13A



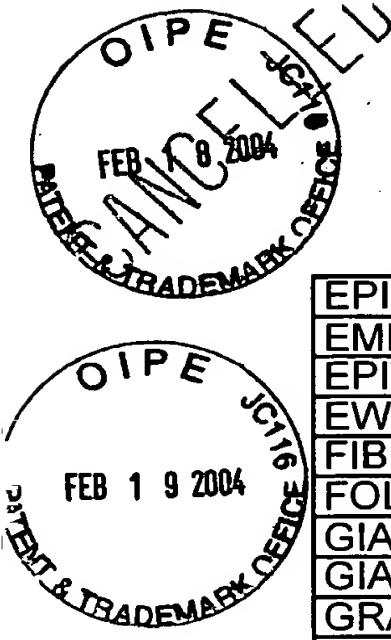
T.21	NOSE	T.56	LIVER	T.96	THYROID
T.22	SINUS,ACCESSORY	T.57	GALLBLADDER	T.97	PARATHYROID
T.23	NASOPHARYNX	T.58	EXTRAHEPATIC BILE DUCT	T.98	THYMUS
T.24	VOC.CRD.LARY.EPIGLT	T.59	PANCREAS	T.99	ISLET OF LANGERHANS
T.25	TRACHEA	T.60	PHARYNX	T.0X	BLOOD
T.26	BRONCHUS	T.61	TONSIL,ADENOIDS	T.1X	FIBRO,ADIPOSE TISSUE
					CONNECTIVE TISSUE
T.27	BRONCHIOLE	T.62	ESOPHAGUS	T.Y8	UPPER EXTREM.
T.28	LUNG	T.63	OMENTUM,STOMACH,PYLORUS	T.Y9	LOWER EXTREM.
T.29	PLEURA	T.64	SM.INTEST.,DUODENUM	T.XY	EAR
T.30	CARDIO VAS SYS	T.65	JEJUNUM,ILEUM	T.XX	EYE
T.31	PERICARDIUM	T.66	APPENDIX	T.X1	INTRACRAN,MENINGES
					CSF,DURAL,VENTRIC SYS
T.32	HEART	T.67	COLON,MESSENTERY	T.X2	CEREBRAL,BRAIN
					CORPUS CALLOSUM
T.33	MYOCARDIUM	T.68	RECTUM	T.X3	BASAL GANGLIA
T.34	ENDOCARDIUM	T.69	ANUS	T.X4	THALAMUS
T.35	CARDIAC VALVE	T.71	KIDNEY	T.X5	PONS,MIDBRAIN
T.36	TRICUSPID VALVE	T.72	RENAL PELVIS,COCCYX	T.X6	CEREBELLUM
T.37	PULMONIC VALVE	T.73	URETER	T.X7	SPINAL CORO
T.38	MITRAL VALVE	T.74	BLADDER	T.X8	CRANIAL NERVE,OPTIC
T.39	AORTIC VALVE	T.75	URETHRA	T.X9	NERVE,VAGUS NERVE
T.40	BLOOD VESSELS	T.76	PENIS	T.Y0	SCALP,ORBITAL

FIG. 13B



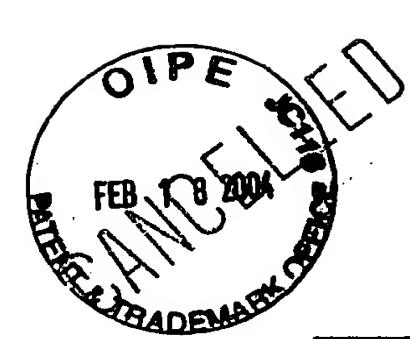
SNO-MED DIAGNOSIS NUMBERS CARCINOM				
ADENOCARCINOMA	M.8143			
ADENOCARCINOMA, ANAPLASTIC	M.8233			
ADENOCARCINOMA, CLEAR CELL	M.8313			
ADENOCARCINOMA, COLLOID	M.8483			
ADENOCARCINOMA, CYSTIC	M.8443			
ADENOSQUAMOUS CARCINOMA	M.8563			
ADENOCARCINOMA, IN-SITU	M.8142			
ADENOCARCINOMA, MUCINOUS CYST	M.8473			
ADENOCARCINOMA, PAPILLARY	M.8263			
ADENOCARCINOMA, UNDIFFER	M.8233			
ADENOCARCINOMA, SIGNET RING	M.8493			
ARRHENBLASTOMA	M.8630			
ANAPLASTIC MALIGNANCY	M.8003			
ASTROCYTOMA, GRADE 1	M.9403			
ASTROCYTOMA, GRADE 2	M.9433			
ASTROCYTOMA, GRADE 3 & 4	M.9443			
ADNEXAL CARCINOMA	M.8393			
ANAPLASTIC CARCINOMA	M.8023			
ADENOID CYSTIC CARCINOMA	M.8203			
ADAMANTINOMA	M.9310			
ALVEOLAR CARCINOMA	M.8253			
ACINAR TUMOR	M.8001			
ACINAR CARCINOMA	M.8553			
BASAL CELL CARCINOMA	M.8093			
BRONCHIOLAR CARCINOMA	M.8253			
BASALOID TRANSITIONAL CARCINOMA	M.8123			
BASAL CELL EPITHELIOMA	M.8090			
CARCINOMA	M.8013			
CARCINOMA, COLLOID	M.8483			
CARCINOMA, IN-SITU	M.8012			
CARCINOMA, PAPILLARY	M.8053			
CARCINOMA, SMALL CELL	M.8043			
CARCINOSARCOMA	M.8983			
CARCINOID, MALIGNANT TUMOR	M.8243			
CARCINOMA, UNDIFFERENTIATED METS	M.8023			
CARCINOMA, UNDIFFERENTIATED	M.8023			
CHORIOCARCINOMA	M.9103			
CARCINOID TUMOR	M.8241			
CHOLANGIOPRINCIPAL CARCINOMA	M.8163			
CHONDROSARCOMA	M.9223			
CHONDROBLASTOMA	M.9230			
CRANIOPHARYNGIOMA	M.9351			
CYLINDROMA	M.8203			
CYSTADENOCARCINOMA PAPILLARY SEROUS	M.8463			
CYSTADENOCARCINOMA, PAPILLARY	M.8453			
DERMATOFIBROSARCOMA	M.8823			
DYSPLASIA	M.7600			
DUCTAL, INFILTRATING CARCINOMA	M.8503			
EPENDYMOMA	M.9391			

FIG. 14A



EPIDERMOID CARCINOMA	M.8073
EMBRYONAL CELL CARCINOMA	M.9073
EPITHELOMA	M.8110
EWINGS SARCOMA	M.9263
FIBROSARCOMA	M.8823
FOLLICULAR CARCINOMA	M.8333
GIANT CELL SARCOMA	M.8803
GIANT CELL TUMOR	M.9040
GRANULOSA CELL TUMOR	M.8621
GLIOBLASTOMA, MULTIFORME	M.9443
GLIOMA	M.9383
GIANT CELL CARCINOMA	M.8033
HEMANGIOBLASTOMA	M.9161
HEPATOBlastoma	M.8973
HISTOCYTOMA	M.8830
HODGKINS	M.9653
HODGKINS SARCOMA	M.9683
HURTELL CELL CARCINOMA	M.8363
ISLET CELL CARCINOMA	M.8153
KAPOSI SARCOMA	M.9143
LEUKEMIA, ACUTE MYELOGENOUS	M.9865
LEUKEMIA, LYMPHOMA	M.9826
LEUKEMIA	M.9807
LEUKEMIA, CHRONIC LYMPOMA	M.9827
LEIOMYOSARCOMA	M.8893
LYMPHOMA, LYMPHOCYTIC	M.9633
LYMPHOMA, LYMPHOCYTIC	M.9593
LYMPHOMA, GIANT FOLLICULAR	M.9693
LYMPHOSARCOMA, LYMPHOCYTIC	M.9623
LYMPHOMA, MALIGNANT	M.9593
LYMPHOMA, HISTIOCYSTIC	M.9643
LYMPHERITHELIOMA	M.8083
LYMPHOMA, T-CELL	M.9703
LYMPHOSARCOMA, LYMPHOCYTIC	M.9613
LIPOSARCOMA	M.8853
LYMPHOMA, STEM CELL	M.9603
MALIGNANT MELANOMA SPINDLE CELL	M.8773
MENINGIOMA	M.9530
METASTATIC CARCINOMA	M.8016
MALIGNANT TUMOR	M.8003
METASTATIC MALIGNANT TUMOR	M.8006
MEDULLOBLASTOMA	M.9473
MALIGNANT MELANOMA	M.8723
MALIGNANT CELLS	M.6972
MYOBLASTOMA	M.9370
MUCOEPIDERMOID CARCINOMA	M.8433
MALIGNANT CARCINOID TUMOR	M.8243
MALIGNANT MESENHYMOMA	M.8993
MESOTHELIOMA	M.9051
MYELOMA	M.9733
METASTATIC MELANOMA	M.8733

FIG. 14B



MALIGNANT GRANULOSA CELL TUMOR	M.8623		
MALIGNANT PHEOCHROMOCYTOMA	M.8703		
MALIGNANT MESOTHELIOMA	M.9053		
METASTATIC LEIOMYOSARCOMA	M.8893		
MESODERMAL TUMOR	M.8953		
MIXED TUMOR	M.8940		
NEUROBLASTOMA, NEUROEPITHELIOMA	M.9503		
NECROTIC TUMOR	M.5443		
NEUROBLASTOMA, NEUROEPITHELIOMA	M.9503		
OLIGODENDROGLIOMA	M.9453		
OAT CELL CARCINOMA	M.8043		
OSTEOBLASTOMA	M.9200		
OSTEOMA	M.9180		
OSTEOSARCOMA	M.9183		
OSTEOIDOSTEOMA	M.9190		
OSTEOCHONDROMA	M.9210		
PAPILLARY CARCINOMA	M.8053		
PLASMA CELL MYELOMA	M.9733		
PAPILLARY METASTATIC CYATADENOCARCINOMA	M.8463		
PAPILLARY TRANSITIONAL CELL CARCINOMA	M.8133		
RENAL CELL CARCINOMA	M.2485		
RETICULUM CELL SARCOMA	M.9643		
RENAL CLEAR CELL CARCINOMA	M.8313		
SQUAMOUS CELL CARCINOMA	M.8073		
SARCOMA, RETICULAR CELL	M.8316		
SQUAMOUS EPITHELIAL TUMOR	M.8070		
SQUAMOUS CELL CARCINOMA IN-SITU	M.8072		
SARCOMA, UNDIFFERENTIATED GIANT CELL	M.8803		
SARCOMA, RETICULAR CELL	M.9643		
SPINDLE CELL CARCINOMA	M.8033		
SEMINOMA	M.9063		
STROMAL SARCOMA	M.8933		
TUMOR	M.8001		
TUMORLET	M.8043		
THYMOMA MALIGNANT	M.8583		
TRANSITIONAL CELL CARCINOMA	M.8123		
TERATOMA	M.9081		
VERRICOUS SQUAMOUS CARCINOMA	M.8053		

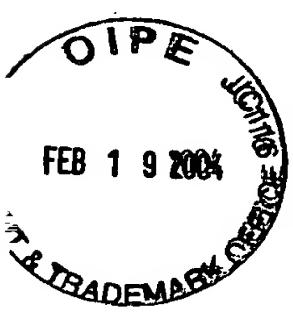
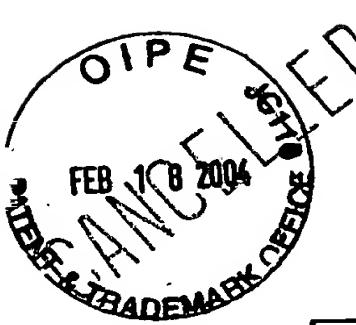
FIG. 14C

FIG. 15A

FIG. 15B

FIG. 15C

FIG. 15



BRAIN INVENTORY CLASSIFICATIONS						
PATHOLOGY	TISSUE	DOB	AGE	SEX	MEDICAL HISTORY	ICD-9-CM DSM-IV-T MEDICATIONS
AU-99-47	BRAIN (ORGANIC)	04/08/1981	18	M	MULTIPLE TRAUMATIC INJURIES SUSTAINED IN A MOTOR VEHICLE ACCIDENT OPEN SKULL FRACTURES. BRAIN CONTUSIONS.	291.89 N/A FFPE
					SUBARACHNID HEMORRHAGE PERICARDIAL TEAR.	851.80 852.00
					BILATERAL PNEUMOTHORACES. CONTUSIONS OF HEART	860.0
					BLOOD ALCOHOL LEVEL 95 MG/DT	
AU-99-61	BRAIN (ORGANIC)	04/26/1972	27	F	PREGNANCY INDUCED HYPERTENSION THYROIDITIS ASTHMA SEVERE PRE-EDAMPSIA ANOXIC ENCEPHALOPATHY INTRACEREBRAL HEMORRHAGE HEMORRHAGE OF RIGHT PUTAMEN HYPERTENSIVE CEREBRAL EDEMA DIFFUSE ANOXIC CHANGES	401.9 293.83 MAGNESIUM SULFATE PITOCIN APRESOLINE MANNITOL 437.2 431.0 348.5
AU-99-80	BRAIN (ORGANIC)	12/27/1947	52	F	BREAST CANCER IDIOPATHIC CARDIOMYOPATHY CHRONIC CONGESTIVE HEART FAILURE. ANAPHYLACTIC SHOCK SECONDARY TO TAXOL ADMINISTRATION. SEVERE HYPOXIA AND BRAIN DEATH.	174.9 293.83 N/A FF

FIG. 15A



AU-99-82	BRAIN (PSYCH)	09/05/1957	42	M	CHRONIC PAIN DRUG ABUSE SEVERE CORONARY ARTERY SCLEROSIS. OLD MYOCARDIAL INFARCTION.	307.89 305.90 414.00	307.89 N/A	FFPE
AU-99-84	BRAIN (PSYCH)	05/10/1960	39	F	SEVERE CHRONIC ALCOHOLISM. PREVIOUS HOSPITAL ADMISSION FOR ALCOHOL INTOXICATION AND MAJOR DEPRESSION. SEVERE ASCITES(4,000 ML) HEPATOMEGALY(LIVER 1,690 GM) SEVERE CIRRHOsis.	291.89 305.00	291.89 N/A	FFPE
AU-99-90	BRAIN (PSYCH)	04/19/1962	37	M	MULTIPLE TRAUMATIC INJURIES SUSTAINED IN A MOTOR VEHICLE ACCIDENT:AVULSION OF SOFT TISSUE, BONE AND BRAIN. MULTIPLE COMMUNICATED OPEN FRACTURES OF THE SKULL ALCOHOL INTOXICATION BLOOD ETHANOL LEVEL 252 GM %			
AU-99-91	BRAIN (ORGANIC)	01/09/2028	71	M	PROSTATE CANCER SQUAMOUS CELL CANCER IT LUNG VENTRICULAR PERITONEAL SHUNT SECONDARY TO PROGRESSIVE HYDROCEPHALUS FROM BRAIN MASS.	185.0 162.9 331.3	293.83 N/A	FFPE

FIG. 15B



		HYPERTENSION	401.9	
		HEADACHES		
		UNSTEADY GATE		
		MENTAL CONFUSION		
		META SQUAMOUS CELL CANCER TO LIVER, SPLEEN, KIDNEYS, AND BRAIN.	197.7 198.3	
		EMPHISEMA	492.8	
		ATHEROSCLEROSIS OF CORONARY ARTERIES.		
AU-99-93	BRAIN (PSYCH)	05/01/1958 41 M	MORBID OBESITY HYPERTENSION GOUT	278.00 401.9 274.9
			CRONIC PAIN SYNDROME	
			DEPRESSION	
			ACUTE MYOCARDIAL INFARCTION	410.9
			ACUTE ALCOHOL INTOXICATION	
			CARDIAC HYPERTROPHY	
			MICROMODULAR CIRRHOSIS	571.2
AU-99-94	BRAIN (PSYCH)	##### 50 F	ETHANOL ABUSE HYPERTENSION	305.00 401.9
			ELEVATED LIVER ENZIMES	
			MICRONODULAR CIRRHOSIS	571.2
			SEVERE ASCITES(5LT)	
			SPLENOMEGLY	492.8
			EMPHISEMA	

FIG. 15C